

	A	B	C	D	E
1					
2		Water Company Acquisition & Maintenance Affordability Variables			
3					
4		Acquisition Price	\$107,837,567	Rolled forward purchase price for property, plant, and equipment purchase price, including water treatment plant, from year-end 2013 value of \$88,585,821. Exact price TBD based on updated Aquarion capital investment figures 2018-->TBD.	
5		Acquisition Year	2019		
6		Acquisition Long-Term Debt Issuance Year	2020	Capital Market Advisors rate estimates: 3/27/18	
7		Acquisition Borrowing Long-Term Interest Rate	3.75%	Updated Long-Term Interest Rate required; 3.75% 3/27/18	
8		Acquisition Long-Term Borrowing Term	30	Enter 30 for a 30-year term	
9		Utilize Short-Term Borrowing Option	X	Place any non-zero character to activate one-year short-term borrowing for 2019	
10		Acquisition Borrowing Short-Term Interest Rate	2.25%	Updated Short-Term Interest Rate required; 2.25% 3/27/18	
11		Acquisition Short-Term Borrowing Term	1		
12		Capital Reserve Funding	\$3,000,000	Initial funding of capital reserve for accelerated infrastructure improvement	
13		Annual Capital Reserve Replenishment	\$2,000,000	Annual capital reserve replenishment borrowing on 20-year notes	
14		Capital Reserve Replenishment Borrowing Long-Term Rate	3.25%	Updated Long-Term Interest Rate required; 3.25% 3/27/18	
15		Aquarion 2021-Forward Triennial Rate Increase %	10.00%		
16		ATM 2012 Article 19 Fund Balance Replenishment	\$320,000	Repayment of tax-payer-funded ATM 2012 Article 19 study	
17		Additional Fund Balance Replenishment	\$1,170,000	Repayment of tax-payer-funded Reserve Fund Transfers and ATM 2014 & 2016 funding to cover expert, legal, and admin expenses	
18					
19		2 Nov 2017 Appeals Court-Affirmed 31 Dec 2013 Price	\$88,585,821		
20		Aquarion Water Company Court Order Calculation Summary as of 12/31/2017	\$103,022,826	Per 6 Apr 2017 Conner-->Ryan email attachment analysis of 4/22/2016 Superior Court Order	
21		Average Aquarion Calculation Summary Annual Increase 2014-2017	\$3,609,251		
22		Aquarion Court Order Calculation Summary Rolled Forward to 30 Apr 2019	\$107,837,567		
23					

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026		
1 Acquisition and System Maintenance Affordability																	
2																	
3 Aquarion Annual Expense Increase (AEI)	3%																
4 Service Area A Cost of Service other than WTP expenses		7,622,742	7,877,433														
5																	
6 WTP Lease Expense																	
7 Fixed Basic Rent		2,679,000	1,673,747														
8 Plus Percentage Rent		848,558	882,488														
9 Less Interest Credit		(90,593)															
10 Plus Adjustment Factor (adjusted down by 4,757)		51,460	51,460														
11 Total WTP Lease Expense		3,488,425	2,607,695														
12 Cash Working Capital Allowance/Tax Gross Up		43,295	31,943														
13 WTP O&M Expense subject to CWC (including ARI)		670,055	690,157														
14 WTP Expenses before Property Taxes		4,201,775	3,329,795														
15 WTP Property Taxes (including ARI)		527,065	542,877														
16 Total WTP Lease + Allowance + Taxes		4,728,840	3,872,672														
17																	
18 Total Service Area A Revenue Recovery	Aqua Model 10/15/2012	12,351,582	11,750,105					11,657,325									
19								15,960,159									
20 Service Area A % of AWCMA																	
21 Service Area A Pro Forma Proposed Rates-Total Operating Revenues																	
22 AWCMA Pro Forma Proposed Rates-Total Operating Revenues																	
23								72.39%									
24 Service Area A DPU 17-90 Pro Forma Operating Revenues								13,159,025									
25 AWCMA DPU 17-90 Pro Forma Proposed Operating Revenues								18,177,037									
26																	
27 Aquarion Rate Increase % (estimate)									13.89%			10.00%			10.00%		
28 Total Service Area A Revenue from 3-Year Increases - w/o WRIM									13,777,941								
29																	
30 Total Service Area A Revenue from 3-Year Increases									13,777,941	13,777,941	13,777,941	15,155,735	15,155,735	15,155,735	16,671,309	16,671,309	16,671,309
31																	
32 Municipal Ownership Costs																	
33 WTP Expenses before Property Taxes		4,201,775	3,329,795														
34 Less: Fixed Basic Rent																	
35 Less: Percentage Rent																	
36 Less: Adjustment Factor																	
37 Less: Cash Working Capital Allowance & Tax Gross-up																	
38 WTP Expenses After Adjustments		4,201,775	3,329,795														
39 WTP Property Taxes		527,065	542,877	559,163	575,938	593,216	611,013	629,343	648,223	667,670	687,200	708,331	729,581	751,469	774,013	797,233	
40 Distribution System Property Taxes & FICA Taxes		328,574	338,431	348,584	359,042	369,813	380,907	392,335	404,105	416,228	428,715	441,576	454,823	468,468	482,522	496,998	
41																	
42 Assumed Annual Municipal Cost % Increase	3%																
43																	
44 Add: Outsourcing Services (estimate: Woodard & Curran)						3,600,000	3,708,000	3,819,240	3,933,817	4,051,832	4,173,387	4,298,588	4,427,546	4,560,372	4,697,183	4,838,099	
45 Add: Additional Municipal Services (estimate)									200,000	206,000	212,180	218,545	225,102	231,855	238,810	245,975	
46 Add: Outsourcing Transition Costs (estimate: Woodard & Curran)									165,000								
47 Add: Other Transaction Costs (estimate)									150,000								
48 Add: Additional Municipal Labor (estimate)									225,000	231,750	238,703	245,864	253,239	260,837	268,662	276,722	
49 Total Annual Municipal O&M Expenses									5,726,145	5,743,480	5,740,684	5,912,905	6,090,292	6,273,000	6,461,190	6,655,026	
50																	
51 Acquisition/Town Repayment/Capital Reserve Borrowing Parameters																	
52 Acquisition Price		\$107,837,567															
53 Acquisition Year		2019															
54 Initial Capital Reserve Funding		\$3,000,000															
55 Article 19 Fund Balance Replenishment		\$320,000															
56 Additional Fund Balance Replenishment		\$1,170,000															
57 Long-Term Debt Issuance Year		2020															
58 Long-Term Borrowing Interest Rate		3.75%															
59 Long-Term Borrowing Term (Years)		30															
60 Short-Term Borrowing Option Indicator		X															
61 Short-Term Borrowing Interest Rate		2.25%															
62 Short-Term Borrowing Term (Years)		1															
63 Total Acquisition/Fund Balance Repayment/Capital Reserve Payment Cost		\$112,327,567															
64 Acquisition/Capital Reserve Long-Term Debt Service										7,956,536	7,816,127	7,675,717	7,535,308	7,394,898	7,254,489	7,114,079	
65 Acquisition/Capital Reserve Short-Term Debt Service									2,527,370								
66																	
67 Annual Capital Reserve Replenishment Financing																	
68 Annual Capital Reserve Replenishment		\$2,000,000															
69 Long-Term Borrowing Interest Rate		3.25%															
70 Long-Term Borrowing Term (Years)		20															
71 Capital Reserve Replenishment Cost Debt Service										165,000	326,750	485,250	640,500	792,500	941,250	1,086,750	1,229,000
72																	
73 Total Acquisition & Annual Capital Debt Service										2,692,370	8,283,286	8,301,377	8,316,217	8,327,808	8,336,148	8,341,239	8,343,079
74																	
75 Total Municipal Ownership Cost									8,418,516	13,856,766	14,042,061	14,229,122	14,418,099	14,609,149	14,802,429	14,998,105	
76 WTY % Change in Total Municipal Ownership Cost									64.60%	1.34%	1.33%	1.33%	1.33%	1.32%	1.32%		
77																	
78 Service Area A Savings/(Extra Cost) with 3-Year Rate Increases - w/o WRIM									5,359,425	(78,825)	1,113,675	926,614	737,636	2,062,160	1,868,879	1,673,203	
79 Cumulative Service Area A Savings/(Extra Cost) with 3-Year Rate Increases - w/o WRIM									5,359,425	5,280,601	6,394,275	7,320,889	8,058,525	10,120,685	11,989,564	13,662,768	
80																	

	A	B	R	S	T	U	V	W	X	Y	Z	AA	AB
			2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
1	Acquisition and System Maintenance Affordability												
2													
3	Aquarion Annual Expense Increase (AEI)	3%											
4	Service Area A Cost of Service other than WTP expenses												
5													
6	WTP Lease Expense												
7	Fixed Basic Rent										1,673,747	502,124	
8	Plus Percentage Rent										2,091,542		
9	Less Interest Credit												
10	Plus Adjustment Factor (adjusted down by 4,757)										412,433		
11	Total WTP Lease Expense										4,177,722	502,124	
12	Cash Working Capital Allowance/Tax Gross Up												
13	WTP O&M Expense subject to CWC (including ARI)												
14	WTP Expenses before Property Taxes												
15	WTP Property Taxes (including ARI)												
16	Total WTP Lease + Allowance + Taxes												
17													
18	Total Service Area A Revenue Recovery	Aqua. Model 10/15/2012											
19													
20	Service Area A % of AWCMA												
21	Service Area A Pro Forma Proposed Rates-Total Operating Revenues												
22	AWCMA Pro Forma Proposed Rates-Total Operating Revenues												
23													
24	Service Area A DPU 17-90 Pro Forma Operating Revenues												
25	AWCMA DPU 17-90 Pro Forma Proposed Operating Revenues												
26													
27	Aquarion Rate Increase % (estimate)	10.00%				10.00%				10.00%			
28	Total Service Area A Revenue from 3-Year Increases - w/o WRIM												
29													
30	Total Service Area A Revenue from 3-Year Increases		18,338,439	18,338,439	18,338,439	20,172,283	20,172,283	20,172,283	22,189,512	22,189,512	22,189,512	20,330,168	20,330,168
31													
32	Municipal Ownership Costs												
33	WTP Expenses before Property Taxes												
34	Less: Fixed Basic Rent												
35	Less: Percentage Rent												
36	Less: Adjustment Factor												
37	Less: Cash Working Capital Allowance & Tax Gross-up												
38	WTP Expenses After Adjustments												
39	WTP Property Taxes		821,150	845,785	871,158	897,293	924,212	951,938	980,496	1,009,911	1,040,208	1,071,415	1,103,557
40	Distribution System Property Taxes & FICA Taxes		511,908	527,265	543,083	559,375	576,156	593,441	611,244	629,582	648,469	667,923	687,961
41													
42	Assumed Annual Municipal Cost % Increase	3%											
43													
44	Add: Outsourcing Services (estimate: Woodard & Curran)		4,983,242	5,132,739	5,286,721	5,445,323	5,608,683	5,776,943	5,950,251	6,128,759	6,312,622	6,502,000	6,697,060
45	Add: Additional Municipal Services (estimate)		253,354	260,955	268,783	276,847	285,152	293,707	302,518	311,593	320,941	330,570	340,487
46	Add: Outsourcing Transition Costs (estimate: Woodard & Curran)												
47	Add: Other Transaction Costs (estimate)												
48	Add: Additional Municipal Labor (estimate)		285,023	293,574	302,381	311,453	320,796	330,420	340,333	350,543	361,059	371,891	383,047
49	Total Annual Municipal O&M Expenses		6,854,677	7,060,317	7,272,127	7,490,291	7,714,999	7,946,449	8,184,843	8,430,388	8,683,300	8,943,799	9,212,113
50													
51	Acquisition/Town Repayment/Capital Reserve Borrowing Parameters												
52	Acquisition Price	\$107,837,567											
53	Acquisition Year	2019											
54	Initial Capital Reserve Funding	\$3,000,000											
55	Article 19 Fund Balance Replenishment	\$320,000											
56	Additional Fund Balance Replenishment	\$1,170,000											
57	Long-Term Debt Issuance Year	2020											
58	Long-Term Borrowing Interest Rate	3.75%											
59	Long-Term Borrowing Term (Years)	30											
60	Short-Term Borrowing Option Indicator	X											
61	Short-Term Borrowing Interest Rate	2.25%											
62	Short-Term Borrowing Term (Years)	1											
63	Total Acquisition/Fund Balance Repayment/Capital Reserve Payment Cost	\$112,327,567											
64	Acquisition/Capital Reserve Long-Term Debt Service		6,973,670	6,833,260	6,692,851	6,552,441	6,412,032	6,271,623	6,131,213	5,990,804	5,850,394	5,709,985	5,569,575
65	Acquisition/Capital Reserve Short-Term Debt Service												
66													
67	Annual Capital Reserve Replenishment Financing												
68	Annual Capital Reserve Replenishment	\$2,000,000											
69	Long-Term Borrowing Interest Rate	3.25%											
70	Long-Term Borrowing Term (Years)	20											
71	Capital Reserve Replenishment Cost Debt Service		1,368,000	1,503,750	1,636,250	1,765,500	1,891,500	2,014,250	2,133,750	2,250,000	2,363,000	2,472,750	2,579,250
72													
73	Total Acquisition & Annual Capital Debt Service		8,341,670	8,337,010	8,329,101	8,317,941	8,303,532	8,285,873	8,264,963	8,240,804	8,213,394	8,182,735	8,148,825
74													
75	Total Municipal Ownership Cost		15,196,347	15,397,328	15,601,228	15,808,232	16,018,531	16,232,322	16,449,806	16,671,192	16,896,694	17,126,533	17,360,938
76	WTY % Change in Total Municipal Ownership Cost		1.32%	1.32%	1.32%	1.33%	1.33%	1.33%	1.34%	1.35%	1.35%	1.36%	1.37%
77													
78	Service Area A Savings/(Extra Cost) with 3-Year Rate Increases - w/o WRIM		3,142,093	2,941,112	2,737,212	2,528,051	2,313,252	2,093,552	1,873,852	1,654,152	1,434,452	1,214,752	1,000,052
79	Cumulative Service Area A Savings/(Extra Cost) with 3-Year Rate Increases - w/o WRIM		16,804,860	19,745,972	22,483,184	26,847,236	31,000,988	34,940,950	40,680,656	46,198,976	51,491,794	54,695,428	57,664,658
80													

	A	B	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO
1	Acquisition and System Maintenance Affordability		2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	TOTAL
2															
3	Aquarion Annual Expense Increase (AEI)	3%													
4	Service Area A Cost of Service other than WTP expenses														
5															
6	WTP Lease Expense														
7	Fixed Basic Rent														
8	Plus Percentage Rent														
9	Less Interest Credit														
10	Plus Adjustment Factor (adjusted down by 4,757)														
11	Total WTP Lease Expense														
12	Cash Working Capital Allowance/Tax Gross Up														
13	WTP O&M Expense subject to CWC (including ARI)														
14	WTP Expenses before Property Taxes														
15	WTP Property Taxes (including ARI)														
16	Total WTP Lease + Allowance + Taxes														
17															
18	Total Service Area A Revenue Recovery	Aqua Model 10/15/2012													
19															
20	Service Area A % of AWCMA														
21	Service Area A Pro Forma Proposed Rates-Total Operating Revenues														
22	AWCMA Pro Forma Proposed Rates-Total Operating Revenues														
23															
24	Service Area A DPU 17-90 Pro Forma Operating Revenues														
25	AWCMA DPU 17-90 Pro Forma Proposed Operating Revenues														
26															
27	Aquarion Rate Increase % (estimate)		10.00%				10.00%			10.00%			10.00%		
28	Total Service Area A Revenue from 3-Year Increases - w/o WRIM														
29															
30	Total Service Area A Revenue from 3-Year Increases		20,330,168	22,363,185	22,363,185	22,363,185	24,599,503	24,599,503	24,599,503	27,059,453	27,059,453	27,059,453	29,765,399	29,765,399	647,725,441
31															
32	Municipal Ownership Costs														
33	WTP Expenses before Property Taxes														
34	Less: Fixed Basic Rent														
35	Less: Percentage Rent														
36	Less: Adjustment Factor														
37	Less: Cash Working Capital Allowance & Tax Gross-up														
38	WTP Expenses After Adjustments														
39	WTP Property Taxes		1,136,664	1,170,764	1,205,887	1,242,063	1,279,325	1,317,705	1,357,236	1,397,953	1,439,892	1,483,088	1,527,581	1,573,408	32,412,910
40	Distribution System Property Taxes & FICA Taxes		708,600	729,858	751,754	774,306	797,535	821,461	846,105	871,488	897,633	924,562	952,299	980,868	20,206,311
41															
42	Assumed Annual Municipal Cost % Increase	3%													
43															
44	Add: Outsourcing Services (estimate: Woodard & Curran)		6,897,972	7,104,911	7,318,059	7,537,601	7,763,729	7,996,640	8,236,540	8,483,636	8,738,145	9,000,289	9,270,298	9,548,407	196,701,395
45	Add: Additional Municipal Services (estimate)		350,701	361,222	372,059	383,221	394,717	406,559	418,756	431,318	444,258	457,586	471,313	485,452	10,000,536
46	Add: Outsourcing Transition Costs (estimate: Woodard & Curran)														165,000
47	Add: Other Transaction Costs (estimate)														150,000
48	Add: Additional Municipal Labor (estimate)		394,539	406,375	418,566	431,123	444,057	457,379	471,100	485,233	499,790	514,784	530,227	546,134	11,250,603
49	Total Annual Municipal O&M Expenses		9,488,476	9,773,130	10,066,324	10,368,314	10,679,363	10,999,744	11,329,736	11,669,629	12,019,717	12,380,309	12,751,718	13,134,270	270,886,754
50															
51	Acquisition/Town Repayment/Capital Reserve Borrowing Parameters														
52	Acquisition Price	\$107,837,567													
53	Acquisition Year	2019													
54	Initial Capital Reserve Funding	\$3,000,000													
55	Article 19 Fund Balance Replenishment	\$320,000													
56	Additional Fund Balance Replenishment	\$1,170,000													
57	Long-Term Debt Issuance Year	2020													
58	Long-Term Borrowing Interest Rate	3.75%													
59	Long-Term Borrowing Term (Years)	30													
60	Short-Term Borrowing Option Indicator	X													
61	Short-Term Borrowing Interest Rate	2.25%													
62	Short-Term Borrowing Term (Years)	1													
63	Total Acquisition/Fund Balance Repayment/Capital Reserve Payment Cost	\$112,327,567													
64	Acquisition/Capital Reserve Long-Term Debt Service		5,429,166	5,288,756	5,148,347	5,007,937	4,867,528	4,727,118	4,586,709	4,446,299	4,305,890	4,165,480	4,025,071	3,884,662	177,617,964
65	Acquisition/Capital Reserve Short-Term Debt Service														2,527,370
66															
67	Annual Capital Reserve Replenishment Financing														
68	Annual Capital Reserve Replenishment	\$2,000,000													
69	Long-Term Borrowing Interest Rate	3.25%													
70	Long-Term Borrowing Term (Years)	20													
71	Capital Reserve Replenishment Cost Debt Service		2,682,500	2,682,500	2,682,500	2,682,500	2,682,500	2,682,500	2,682,500	2,682,500	2,682,500	2,682,500	2,682,500	2,682,500	59,835,000
72															
73	Total Acquisition & Annual Capital Debt Service		8,111,666	7,971,256	7,830,847	7,690,437	7,550,028	7,409,618	7,269,209	7,128,799	6,988,390	6,847,980	6,707,571	6,567,162	239,980,334
74															
75	Total Municipal Ownership Cost		17,600,142	17,744,386	17,897,171	18,058,751	18,229,391	18,409,362	18,598,945	18,798,428	19,008,107	19,228,289	19,459,289	19,701,431	510,867,088
76	WTY % Change in Total Municipal Ownership Cost		1.38%	0.82%	0.86%	0.90%	0.94%	0.99%	1.03%	1.07%	1.12%	1.16%	1.20%	1.24%	
77															
78	Service Area A Savings/(Extra Cost) with 3-Year Rate Increases - w/o WRIM		2,730,026	4,618,798	4,466,014	4,304,434	6,370,112	6,190,141	6,000,558	8,261,025	8,051,346	7,831,164	10,306,109	10,063,967	136,858,353
79	Cumulative Service Area A Savings/(Extra Cost) with 3-Year Rate Increases - w/o WRIM		60,394,685	65,013,483	69,479,497	73,783,930	80,154,042	86,344,183	92,344,741	100,605,766	108,657,112	116,488,276	126,794,386	136,858,353	
80															Chk: 136,858,353

	A	B	C	D	E	F
1	Acquisition/Capital Reserve Long-Term Borrowing					
2	Amount	112,327,567				
3	Rate	3.75%				
4	Term	30				
5	Year	O/S Bal.	Principal	Interest	P&I / FY	Fiscal Year
6	1	112,327,567		2,106,142		2020
7		112,327,567	3,744,252	2,106,142	7,956,536	2020
8	2	108,583,315		2,035,937		2021
9		108,583,315	3,744,252	2,035,937	7,816,127	2021
10	3	104,839,063		1,965,732		2022
11		104,839,063	3,744,252	1,965,732	7,675,717	2022
12	4	101,094,810		1,895,528		2023
13		101,094,810	3,744,252	1,895,528	7,535,308	2023
14	5	97,350,558		1,825,323		2024
15		97,350,558	3,744,252	1,825,323	7,394,898	2024
16	6	93,606,306		1,755,118		2025
17		93,606,306	3,744,252	1,755,118	7,254,489	2025
18	7	89,862,054		1,684,914		2026
19		89,862,054	3,744,252	1,684,914	7,114,079	2026
20	8	86,117,801		1,614,709		2027
21		86,117,801	3,744,252	1,614,709	6,973,670	2027
22	9	82,373,549		1,544,504		2028
23		82,373,549	3,744,252	1,544,504	6,833,260	2028
24	10	78,629,297		1,474,299		2029
25		78,629,297	3,744,252	1,474,299	6,692,851	2029
26	11	74,885,045		1,404,095		2030
27		74,885,045	3,744,252	1,404,095	6,552,441	2030
28	12	71,140,793		1,333,890		2031
29		71,140,793	3,744,252	1,333,890	6,412,032	2031
30	13	67,396,540		1,263,685		2032
31		67,396,540	3,744,252	1,263,685	6,271,623	2032
32	14	63,652,288		1,193,480		2033
33		63,652,288	3,744,252	1,193,480	6,131,213	2033
34	15	59,908,036		1,123,276		2034
35		59,908,036	3,744,252	1,123,276	5,990,804	2034
36	16	56,163,784		1,053,071		2035
37		56,163,784	3,744,252	1,053,071	5,850,394	2035
38	17	52,419,531		982,866		2036
39		52,419,531	3,744,252	982,866	5,709,985	2036
40	18	48,675,279		912,661		2037
41		48,675,279	3,744,252	912,661	5,569,575	2037
42	19	44,931,027		842,457		2038
43		44,931,027	3,744,252	842,457	5,429,166	2038
44	20	41,186,775		772,252		2039
45		41,186,775	3,744,252	772,252	5,288,756	2039

	A	B	C	D	E	F
1	Acquisition/Capital Reserve Long-Term Borrowing					
2	Amount	112,327,567				
3	Rate	3.75%				
4	Term	30				
5	Year	O/S Bal.	Principal	Interest	P&I / FY	Fiscal Year
46	21	37,442,523		702,047		2040
47		37,442,523	3,744,252	702,047	5,148,347	2040
48	22	33,698,271		631,843		2041
49		33,698,271	3,744,252	631,843	5,007,937	2041
50	23	29,954,019		561,638		2042
51		29,954,019	3,744,252	561,638	4,867,528	2042
52	24	26,209,767		491,433		2043
53		26,209,767	3,744,252	491,433	4,727,118	2043
54	25	22,465,515		421,228		2044
55		22,465,515	3,744,252	421,228	4,586,709	2044
56	26	18,721,263		351,024		2045
57		18,721,263	3,744,252	351,024	4,446,299	2045
58	27	14,977,011		280,819		2046
59		14,977,011	3,744,252	280,819	4,305,890	2046
60	28	11,232,759		210,614		2047
61		11,232,759	3,744,252	210,614	4,165,480	2047
62	29	7,488,507		140,410		2048
63		7,488,507	3,744,252	140,410	4,025,071	2048
64	30	3,744,255		70,205		2049
65		3,744,255	3,744,252	70,205	3,884,662	2049
66	31	3		0		2050
67		3		0	0	2050
68			112,327,565	65,290,399	177,617,964	
69						
70						

	A	B	C	D	E	F
1	Acquisition/Capital Reserve Short-Term Borrowing					
2	Utilize S-T Borrowing	X				
3	Amount	112,327,567				
4	Rate	2.25%				
5	Term	1				
6	<u>Year</u>	<u>O/S Bal.</u>	<u>Principal</u>	<u>Interest</u>	<u>P&I / FY</u>	<u>Fiscal Year</u>
7	1	112,327,567		1,263,685		2019
8		112,327,567	112,327,567	1,263,685	114,854,937	2019
9			112,327,567	2,527,370	114,854,937	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
1	Annual Capital Reserve Borrowing																							
2	Amount	2,000,000																						
3	Rate	3.25%																						
4	Term	20																						
5		Q/S Bal.	Principal	Interest	P&I / FY	Year	Year																	
6		2,000,000		32,500		1	2019																	
7		2,000,000	100,000	32,500	165,000	1																		
8		1,900,000		30,875		2	2021																	
9		1,900,000	100,000	30,875	161,750	2																		
10		1,800,000	0	29,250		3	2022																	
11		1,800,000	100,000	29,250	158,500	3																		
12		1,700,000	0	27,625		4	2023																	
13		1,700,000	100,000	27,625	155,250	4																		
14		1,600,000	0	26,000		5	2024																	
15		1,600,000	100,000	26,000	152,000	5																		
16		1,500,000	0	24,375		6	2025																	
17		1,500,000	100,000	24,375	148,750	6																		
18		1,400,000	0	22,750		7	2026																	
19		1,400,000	100,000	22,750	145,500	7																		
20		1,300,000	0	21,125		8	2027																	
21		1,300,000	100,000	21,125	142,250	8																		
22		1,200,000	0	19,500		9	2028																	
23		1,200,000	100,000	19,500	139,000	9																		
24		1,100,000	0	17,875		10	2029																	
25		1,100,000	100,000	17,875	135,750	10																		
26		1,000,000	0	16,250		11	2030																	
27		1,000,000	100,000	16,250	132,500	11																		
28		900,000	0	14,625		12	2031																	
29		900,000	100,000	14,625	129,250	12																		
30		800,000	0	13,000		13	2032																	
31		800,000	100,000	13,000	126,000	13																		
32		700,000	0	11,375		14	2033																	
33		700,000	100,000	11,375	122,750	14																		
34		600,000	0	9,750		15	2034																	
35		600,000	100,000	9,750	119,500	15																		
36		500,000	0	8,125		16	2035																	
37		500,000	100,000	8,125	116,250	16																		
38		400,000	0	6,500		17	2036																	
39		400,000	100,000	6,500	113,000	17																		
40		300,000	0	4,875		18	2037																	
41		300,000	100,000	4,875	109,750	18																		
42		200,000	0	3,250		19	2038																	
43		200,000	100,000	3,250	106,500	19																		
44		100,000	0	1,625		20	2039																	
45		100,000	100,000	1,625	103,250	20		2,682,500																
46		0	0	0		21	2040																	
47		0	100,000	0	100,000	21																		
48		-100,000	0	-1,625		22	2041																	
49		-100,000	100,000	-1,625	96,750	22																		
50		-200,000	0	-3,250		23	2042																	
51		-200,000	100,000	-3,250	93,500	23																		
52		-300,000	0	-4,875		24	2043																	
53		-300,000	100,000	-4,875	90,250	24																		
54		-400,000	0	-6,500		25	2044																	
55		-400,000	100,000	-6,500	87,000	25																		
56		-500,000	0	-8,125		26	2045																	
57		-500,000	100,000	-8,125	83,750	26																		
58		-600,000	0	-9,750		27	2046																	
59		-600,000	100,000	-9,750	80,500	27																		
60		-700,000	0	-11,375		28	2047																	
61		-700,000	100,000	-11,375	77,250	28																		
62		-800,000	0	-13,000		29	2048																	
63		-800,000	100,000	-13,000	74,000	29																		
64		-900,000	0	-14,625		30	2049																	
65		-900,000	100,000	-14,625	70,750	30																		
66		Totals	3,000,000	536,250	3,536,250																			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X			
67	Year:	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040				
68		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				
69	1	165,000																						165,000			
70	2	161,750	165,000																					326,750			
71	3	158,500	161,750	165,000																				485,250			
72	4	155,250	158,500	161,750	165,000																			640,500			
73	5	152,000	155,250	158,500	161,750	165,000																		792,500			
74	6	148,750	152,000	155,250	158,500	161,750	165,000																	941,250			
75	7	145,500	148,750	152,000	155,250	158,500	161,750	165,000																1,086,750			
76	8	142,250	145,500	148,750	152,000	155,250	158,500	161,750	165,000															1,229,000			
77	9	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	165,000														1,368,000			
78	10	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	165,000													1,503,750			
79	11	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	165,000												1,636,250			
80	12	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	165,000											1,765,500			
81	13	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	165,000										1,891,500			
82	14	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	165,000									2,014,250			
83	15	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	165,000								2,133,750			
84	16	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	165,000							2,250,000			
85	17	113,000	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	165,000						2,363,000			
86	18	109,750	113,000	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	165,000					2,472,750			
87	19	106,500	109,750	113,000	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	165,000				2,579,250			
88	20	103,250	106,500	109,750	113,000	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	165,000			2,682,500			
89	21		103,250	106,500	109,750	113,000	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	165,000		2,682,500			
90	22			103,250	106,500	109,750	113,000	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	165,000	165,000	2,682,500		
91	23				103,250	106,500	109,750	113,000	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	161,750	2,517,500		
92																									22-Year Total:	35,692,500	
93																										30-Year Total:	59,835,000
94				103,250	106,500	109,750	113,000	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	161,750	161,750	161,750	2,517,500		
95					103,250	106,500	109,750	113,000	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	158,500	158,500	158,500	2,355,750		
96						103,250	106,500	109,750	113,000	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	155,250	155,250	155,250	2,197,250		
97							103,250	106,500	109,750	113,000	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	152,000	152,000	152,000	2,042,000		
98								103,250	106,500	109,750	113,000	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	148,750	148,750	148,750	1,890,000		
99									103,250	106,500	109,750	113,000	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	145,500	145,500	145,500	1,741,250		
100										103,250	106,500	109,750	113,000	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	142,250	142,250	142,250	1,595,750		
101											103,250	106,500	109,750	113,000	116,250	119,500	122,750	126,000	129,250	132,500	135,750	139,000	139,000	139,000	1,453,500		
102												103,250	106,500	109,750	113,000	116,250	119,500	122,750	126,000	129,250	132,500	132,500	132,500	132,500	1,314,500		
103													103,250	106,500	109,750	113,000	116,250	119,500	122,750	126,000	129,250	129,250	129,250	129,250	1,178,750		
104														103,250	106,500	109,750	113,000	116,250	119,500	122,750	126,000	126,000	126,000	126,000	1,046,250		
105															103,250	106,500	109,750	113,000	116,250	119,500	122,750	122,750	122,750	122,750	917,000		
106																103,250	106,500	109,750	113,000	116,250	119,500	119,500	119,500	119,500	791,000		
107																	103,250	106,500	109,750	113,000	116,250	116,250	116,250	116,250	668,250		
108																		103,250	106,500	109,750	113,000	113,000	113,000	113,000	548,750		
109																			103,250	106,500	109,750	113,000	113,000	113,000	432,500		
110																					103,250	106,500	109,750	109,750	319,500		
111																						103,250	106,500	209,750			
112		2,682,500																					103,250	103,250			